

## I. AMENDMENT

Please make the following amendments:

*In the Claims:*

- B<sup>1</sup>
1. (Amended) A method for purifying poly(A) mRNA from a sample comprising:
- a) incubating a composition comprising:
    - i) the sample, wherein the sample includes poly(A) mRNA;
    - ii) a poly(dT) or poly(U) nucleic acid molecule; and
    - iii) an isostabilizing agent, wherein the isostabilizing agent is tetramethylammonium chloride (TMAC) or tetraethylammonium chloride (TEAC),under conditions allowing poly(A) mRNA to hybridize with the poly(dT) or the poly(U) nucleic acid molecule; and
  - b) isolating the poly(dT) or poly(U) nucleic acid molecule and the hybridized poly(A) mRNA.

B<sup>2</sup>

13. (Amended) The method of claim 1, further comprising washing the poly(dT) or poly(U) nucleic acid molecule and the hybridized poly(A) mRNA in wash solution comprising an isostabilizing agent.

14. (Amended) The method of claim 13, wherein the poly(dT) or poly(U) nucleic acid molecule and the hybridized poly(A) mRNA are washed more than once.

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17. (Amended) The method of claim 14, wherein the poly(dT) or poly(U) nucleic acid molecule and the hybridized poly(A) mRNA are washed at least once in a wash solution with an isostabilizing agent concentration greater than about 1.2 M and at least once in a wash solution with an isostabilizing agent concentration of less than about 0.5 M.

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20. (Amended) The method of claim 18, further comprising isolating the non-reacting structure linked to the oligonucleotide that is hybridized to poly(A) mRNA.

B5 24. (Amended) The method of claim 23, wherein the poly(dT) or poly(U) nucleic acid molecule and the hybridized poly(A) mRNA are isolated from the sample with a magnet.

B6 26. (Amended) The method of claim 18, further comprising eluting the poly(A) mRNA from the non-reacting structure with an eluting solution of low ionic strength.

B7 29. (Amended) The method of claim 28, further comprising

- c) incubating the biotinylated oligonucleotide and the sample with avidin or streptavidin linked to a non-reacting structure; and
- d) eluting the poly(A) mRNA from the non-reacting structure with an eluting solution.

B8 31. (Amended) A method for purifying poly(A) mRNA from a sample comprising:

- a) incubating the sample with a poly(dT) oligonucleotide connected to a non-reacting structure and a hybridization solution comprising tetramethylammonium under conditions allowing poly(A) mRNA to hybridize with the oligonucleotide;
- b) isolating the oligonucleotide with the hybridized poly(A) mRNA away from the sample; and
- c) washing the oligonucleotide with a wash solution comprising a salt.

B9 34. (Amended) The method of claim 33, further comprising

- c) incubating the biotinylated oligonucleotide and the sample with avidin or streptavidin linked to a non-reacting structure; and
- d) eluting the poly(A) mRNA from the non-reacting structure with an eluting solution.

35. (Amended) The method of claim 34, further comprising isolating the non-reacting structure linked to the oligonucleotide hybridized to poly(A) mRNA by centrifugation or filtration.